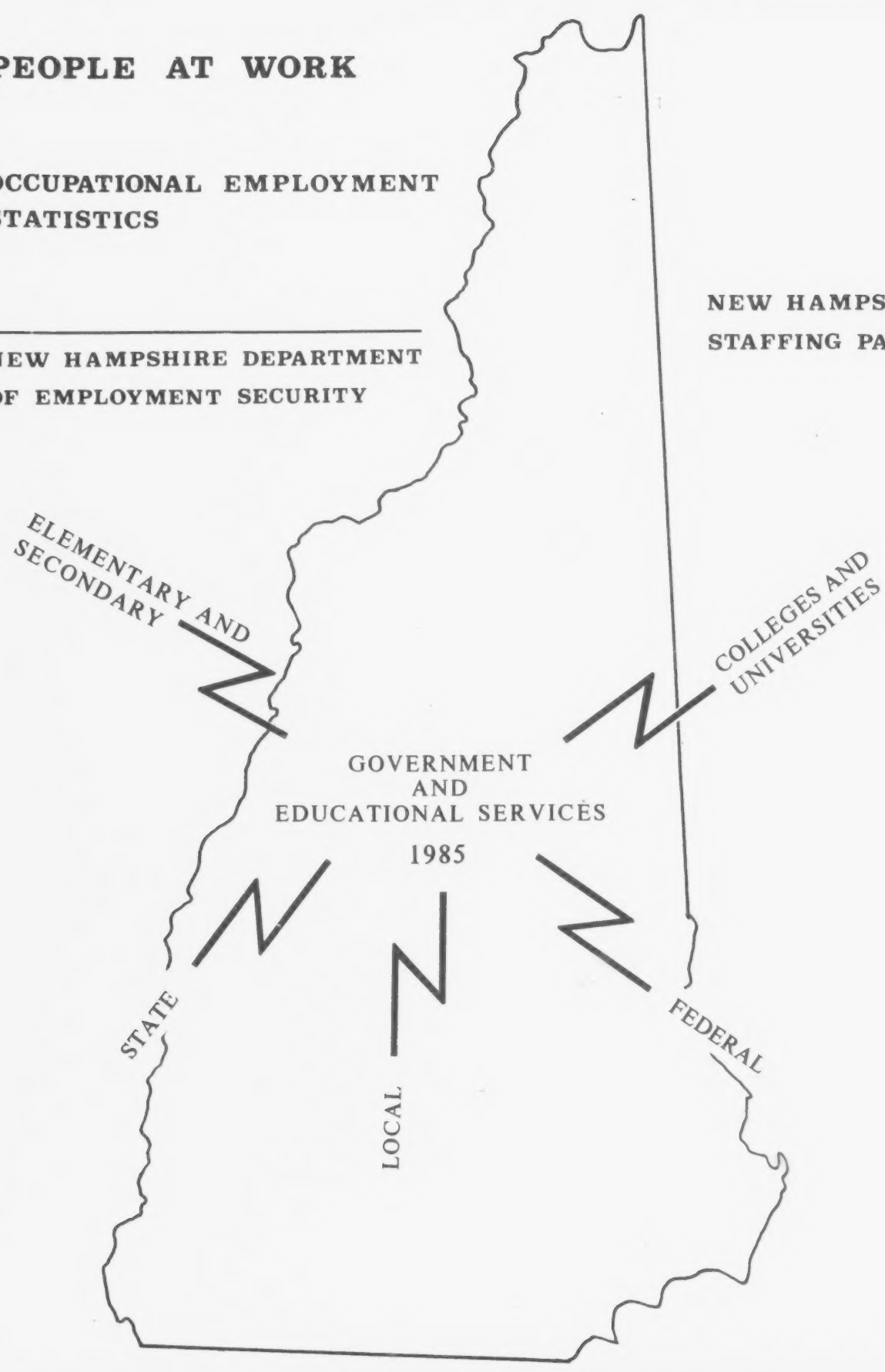
PEOPLE AT WORK

OCCUPATIONAL EMPLOYMENT STATISTICS

NEW HAMPSHIRE DEPARTMENT OF EMPLOYMENT SECURITY

NEW HAMPSHIRE STAFFING PATTERNS



NEW HAMPSHIRE STAFFING PATTERNS

IN

GOVERNMENT AND EDUCATIONAL SERVICES

1985

An Occupational Employment Statistics Survey

Conducted By The

Economic Analysis and Reports Section

NEW HAMPSHIRE DEPARTMENT OF EMPLOYMENT SECURITY

In Cooperation With The

U. S. BUREAU OF LABOR STATISTICS

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PREFACE

Our sincere appreciation is extended to those employers who participated in this survey. Without their support, this publication would not have been possible.

We also would like to express our thanks to the United States Department of Labor, both at the regional level in Boston, MA and the national level in Washington, D.C. for their help in the Federal-State Cooperative effort.

This report was prepared by the New Hampshire Occupational Employment Statistics (OES) Program staff William Halm, with programming and data processing support provided by Richard Ricard, and typing by Madaline S. Moulton.

Your comments and suggestions as well as requests for more information are most welcome. We may be reached at the following address:

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INTRODUCTION

The United States Department of Labor initiated the OES program in mid 1971 to meet the increasing demand for current occupational data. The program consists of three distinct segments: The survey; the industry-occupational matrix and the industry employment projections. This publication only presents the survey phase of the program.

The OES survey is a periodic mail survey of a sample of establishments selected from the ES-202. The survey is conducted over a three year cycle. Manufacturing and Hospitals are surveyed in the first year; one half the nonmanufacturing industries in the second year; and the remainder of nonmanufacturing industries in the third year. Data are collected from employing establishments primarily by mail with telephone followups and personal visits when an establishment's response is critical to the survey. The OES survey is based on a random sample, stratified by industry and size, and designed to represent the total or "universe" of establishments covered in the survey. These data are then used to estimate total nonfarm wage and salary employment by occupation and industry for the state and selected substate areas.

The industry-occupational matrix is a chart, or array which is divided into columns and rows. The columns represent divisions of industry, such as manufacturing, finance, insurance and real estate (FIRE), Wholesale and Retail Trade and Services. The rows represent large occupational groupings, including professional, paraprofessional and technical workers, clerical workers and sales workers. Each column and row is subdivided to provide a more detailed matrix of industries and occupations. For example, in the banking industry, tellers are listed in the clerical group, and computer programmers are listed in the professional, paraprofessional and technical group. Also the banking industry is part of the finance, insurance and real estate division.

The industry employment projections by occupation are based on knowing the staffing pattern or occupational makeup of the industry (as determined by the OES survey) and the industry employment for the target year. The industry employment is projected to the target year using a statistical technique called "regression analysis." The projected occupational employment is obtained by applying the adjusted staffing pattern ratios.

Between April 1985 and June 1986, the New Hampshire Department of Employment Security conducted an occupational employment survey of State and Local Government and Educational Services by means of a questionnaire. This report was compiled from usable returns from the original mailing plus three follow-ups. As used in this report, Standard Industrial Classification (SIC) defines industries according to composition and structure and spans the entire field of economic activities. Industrially

classified statistics are used not only to show how industries have performed over past years but to indicate emerging and rapidly growing industries. No comparison between 1985 occupational estimates and the data from previous OES surveys was possible due to changes in the occupational coding system.

The goal of the OES program is to direct training programs to meet both current and long-range personnel needs. To that end, it is an invaluable tool enabling employers, educational planners, manpower analysts, economists and other users to intelligently deal with inequities in the supply and demand of workers in specific occupations on the local, state or national level.

FEDERAL,[1] STATE, AND LOCAL GOVERNMENT OCCUPATIONAL EMPLOYMENT

This division includes the legislative, judicial, administrative and regulating activities of federal, state and local governments in New Hampshire.

From 1980 to 1985 government employment[2] in New Hampshire increased by one thousand workers. State and local governments added 300 and 700 workers respectively while the federal government remained the same.
See Chart 1)

Over 70 percent of the federal government workers are located in Hillsborough and Rockingham counties. With the exception of the Postal Service, the largest employers in these counties are the Veterans Administration Hospital in Manchester, the Federal Aviation Administration, Air Traffic Control Center in Nashua and Pease Air Force Base at Newington. Almost 55 percent of state workers are located in Concord with another 15 percent in Laconia, Manchester, Hooksett and Portsmouth. Local government workers were scattered through 10 counties, 13 cities, 224 towns and villages and approximately 50 miscellaneous units including water authorities, fire districts, etc. Over 55 percent of local government employees are located in Hillsborough, Rockingham and Merrimack Counties.

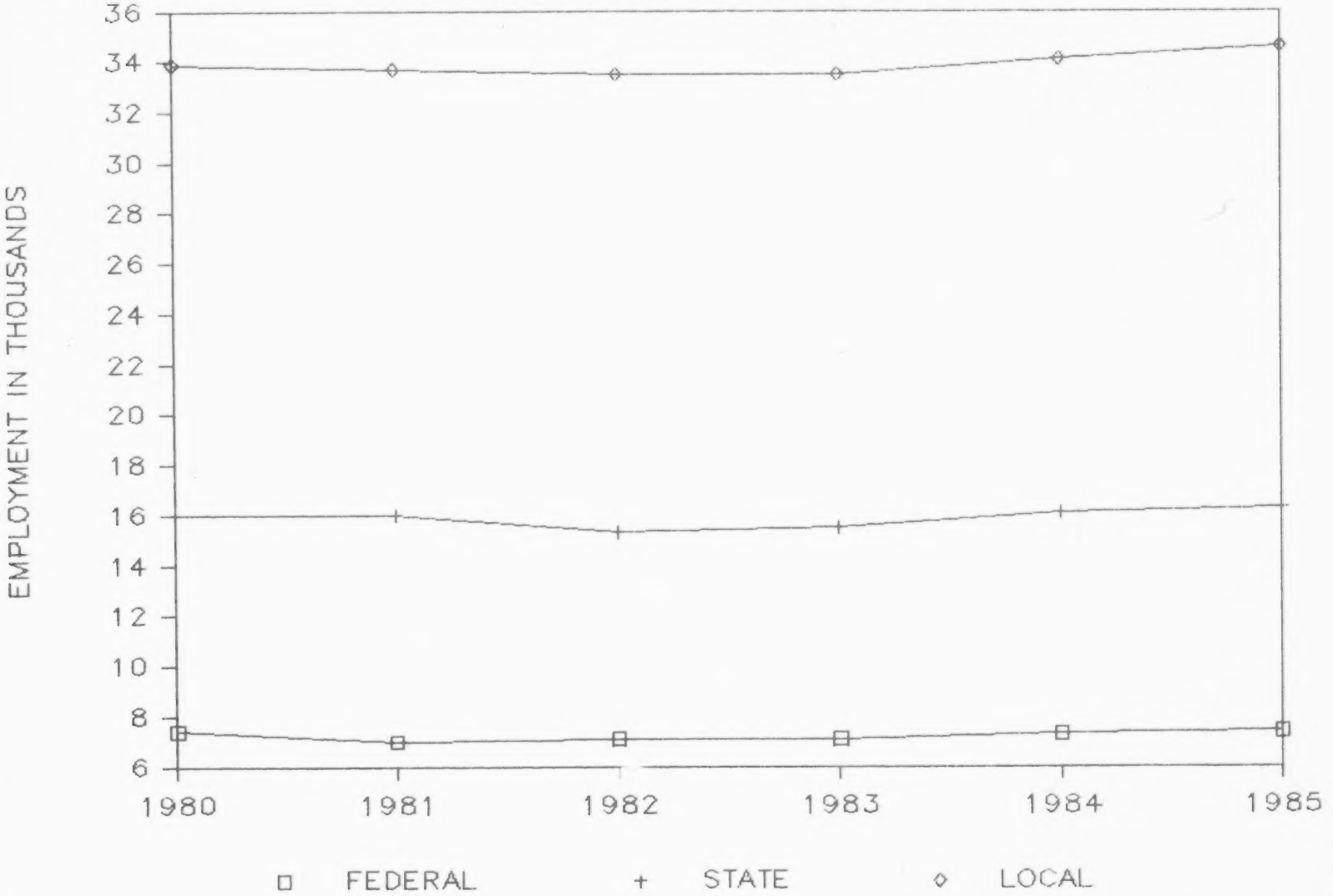
Survey forms were mailed to 46 local government units representing employment of 8,694. Usable responses were received from 39 units or 85 percent of the units sampled. The reported employment was 7,900 or 91 percent of the employment in the sample.

1. Employees at the Portsmouth Naval Shipyard are no longer included in New Hampshire Federal Government Employment.

2. Supplement to Employment, Hours, and Earnings, States and Areas, Data for 1980-84, Economic conditions in New Hampshire, January 1986.

CHART 1

GOVERNMENT EMPLOYMENT 1980–1985



THE FIFTEEN FEDERAL GOVERNMENT OCCUPATIONS EMPLOYING THE LARGEST NUMBER OF WORKERS

The fifteen specific occupations listed below by employment size comprise only 16.3 percent of the grand total of 92 specific occupations employing ten or more workers but total over 50.0 percent of the 7,477 workers employed by the Federal Government in New Hampshire.

RANK	OCCUPATIONAL TITLE	OES CODE	OCT. 1985 EMP.	PERCENT OF TOTAL
1	Mail Carriers, Postal Service	57305	904	12.1
2	Traffic, Shipping, and Receiving Clerks	58028	813	10.9
3	Clerks, Postal Service	57308	452	6.0
4	Airplane Dispatchers and Air Controllers	39002	381	5.1
5	Postmasters and Mail Superintendents	15002	269	3.6
6	Registered Nurses	32502	139	1.9
7	First Line Supervisors and Manager/Supervisors-Clerical and Administrative Support Occupations	51002	109	1.5
8	Typists	55308	108	1.4
9	Stock Clerks-Stockroom, Warehouse Or Storage Yard	58023	98	1.3
10	General Office Clerks	55347	89	1.2
11	Electrical and Electronic Engineers, Technicians and Technologists	22505	87	1.2
12	Tax Examiners, Collectors, and Revenue Agents	21914	86	1.1
13	First Line Supervisors and Manager/Supervisors-Mechanics, Installers and Repairers	81002	82	1.1
14	Accountants and Auditors	21114	81	1.1
15	Civil Engineers, Including Traffic	22121	66	0.9

OCCUPATIONAL STAFFING PATTERNS
FEDERAL GOVERNMENT
OCTOBER 1985

OCCUPATIONAL TITLE	OES CODE	OCTOBER 1985 EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT
TOTAL ALL OCCUPATIONS		7,477	100.0
MANAGERS AND ADMINISTRATORS	10000-19999	397	5.3
Administrative Services Managers	13014	11	0.2
Engineering, Mathematical, and Natural Sciences Managers	13017	23	0.3
Postmasters and Mail Superintendents	15002	269	3.6
Medicine and Health Services Managers	15008	15	0.2
Communications, Transportation, and Utilities Operations Managers	15023	13	0.2
General Managers and Top Executives	19005	17	0.6
All Other Managers and Administrators	19999	49	
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	20000-39999	2,215	29.6
Loan Officers and Counselors	21108	23	0.3
Accountants and Auditors	21114	81	1.1
Budget Analyst	21117	12	0.2
All Other Financial Specialists	21199	8	0.1
Purchasing Agents, Except Wholesale and Retail Trade, and Farm Products	21308	56	0.7
Personnel, Training, and Labor Relations Specialists	21511	53	0.7
Management Analysts	21905	13	0.2
Construction and Building Inspectors	21908	21	0.3
Compliance Officers and Enforcement Inspectors, Except Construction	21911	52	0.7
Tax Examiners, Collectors, and Revenue Agents	21914	86	1.1
All Other Management Support Workers	21999	22	0.3
Civil Engineers, Including Traffic	22121	66	0.9
Electrical and Electronic Engineers	22126	17	0.2
Safety Engineers, Except Mining	22132	13	0.2
Mechanical Engineers	22135	26	0.3
All Other Engineers	22199	40	0.5

OCCUPATIONAL STAFFING PATTERNS
FEDERAL GOVERNMENT
OCTOBER 1985

OCCUPATIONAL TITLE	OES CODE	OCTOBER 1985 EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT
Electrical and Electronic Engineering Technicians and Technologists	22505	87	1.2
All Other Engineering and Related Technicians and Technologists	22599	98	1.3
Geologists, Geophysicists, and Oceanographers	24111	26	0.3
All Other Physical Scientists	24199	38	0.5
Foresters and Conservation Scientists	24302	53	0.7
Agricultural and Food Scientists	24305	31	0.4
Biological Scientists	24308	30	0.4
Biological, Agricultural, and Food Technicians and Technologists, Except Health	24502	17	0.2
All Other Physical and Life Science Technicians and Technologists	24599	40	0.5
Systems Analysts, Electronic Data Processing	25102	20	0.2
Computer Programmer Aides	25108	12	0.2
All Other Mathematical Scientists	25319	15	0.2
All Other Social Scientists	27199	16	0.2
Social Workers, Except Medical and Psychiatric	27305	12	0.2
Lawyers	28108	15	0.2
All other Legal Assistants and Technicians, Except Clerical	28399	57	0.7
Teacher Aides, Paraprofessional	31521	13	0.2
Physicians and Surgeons	32102	46	0.6
Registered Nurses	32502	139	1.9
Licensed Practical Nurses	32505	43	0.6
Pharmacists	32517	11	0.2
Medical and Clinical Laboratory Technologists	32902	28	0.4
Radiologic Technicians	32921	13	0.2
All Other Health Professionals, Paraprofessionals, and Technicians	32999	39	0.5
Writers and Editors	34002	11	0.2
Airplane Dispatchers and Air Controllers	39002	381	5.1
All Other Professional, Paraprofessional and Technical Workers	39999	335	4.5

OCCUPATIONAL STAFFING PATTERNS
FEDERAL GOVERNMENT
OCTOBER 1985

OCCUPATIONAL TITLE	OES CODE	OCTOBER 1985 EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT
SALES AND RELATED OCCUPATIONS	40000-49999	41	0.6
Salespersons, Retail	49011	28	0.4
All Other Sales and Related Workers	49999	13	0.2
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	50000-59999	3,316	44.3
First Line Supervisors and Manager/Supervisors-Clerical and Administrative Support Occupations	51002	109	1.5
Insurance Adjusters, Examiners, and Investigators	53302	10	0.2
Insurance Claims Clerks	53311	34	0.5
All Other Secretaries	55199	176	2.3
Stenographers	55302	27	0.3
Typists	55308	108	1.4
Personnel Clerks, Except Payroll and Timekeeping	55314	48	0.6
Procurement Clerks	55326	18	0.2
Interviewing Clerks, Except Personnel and Social Welfare	55332	39	0.5
Bookkeeping, Accounting, and Auditing Clerks	55338	54	0.7
Payroll and Timekeeping Clerks	55341	12	0.2
General Office Clerks	55347	89	1.2
Computer Operators, Except Peripheral Equipment	56011	14	0.2
Data Entry Keyers, Except Composing	56017	13	0.2
All Other Office Machine Operators	56099	16	0.2
Switchboard Operators	57102	17	0.2
All Other Communications Equipment Operators	57199	4	0.1
Mail Clerks, Except Mail Machine Operators and Postal Service	57302	42	0.6
Mail Carriers, Postal Service	57305	904	12.1
Clerks, Postal Service	57308	452	6.0
Production, Planning, and Expediting Clerks	58008	41	0.5
Stock Clerks-Stockroom, Warehouse Or Storage Yard	58023	98	1.3

OCCUPATIONAL STAFFING PATTERNS
FEDERAL GOVERNMENT
OCTOBER 1985

OCCUPATIONAL TITLE	OES CODE	OCTOBER 1985 EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT
Traffic, Shipping, and Receiving Clerks	58028	813	10.9
All Other Material Recording, Scheduling, and Distributing Workers	58099	4	0.1
All Other Clerical and Administrative Support Workers	59999	174	2.3
SERVICE OCCUPATIONS	60000-69999	308	4.1
Police and Detective Supervisors	61005	15	0.2
All Other Service Supervisors and Manager/Supervisors	61099	27	0.3
Fire Fighters	63008	24	0.3
Criminal Investigators, Federal	63028	15	0.2
All Other Protective Service Workers	63099	50	0.7
Cooks, Institution Or Cafeteria	65028	10	0.2
Combined Food Preparation and Service Workers	65041	38	0.5
Nursing Aides, Orderlies, and Attendants	66008	41	0.5
All Other Health Service Workers	66099	29	0.4
Janitors & Cleaners, Except Maids & Housekeeping Cleaners	67005	47	0.6
All Other Service Workers	69999	12	0.2
AGRICULTURAL, FORESTRY, FISHING, AND RELATED OCCUPATIONS	70000-79999	73	1.0
Forest and Conservation Workers	79002	52	0.7
All Other Agricultural, Foresty, Fishing, and Related Occupations	79999	21	0.3
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND RELATED WORKERS	80000-98999	1,127	15.1
First Line Supervisors and Manager/Supervisors-Mechanics, Installers, and Repairers	81002	82	1.1
First Line Supervisors and Manager/Supervisors-Construction Trades and Extractive Workers	81005	20	0.3

OCCUPATIONAL STAFFING PATTERNS
FEDERAL GOVERNMENT
OCTOBER 1985

OCCUPATIONAL TITLE	OES CODE	OCTOBER 1985 EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT
First Line Supervisors and Manager/Supervisors-Production and Operating Workers	81008	24	0.3
All Other First Line Supervisors and Manager/Supervisors-Production, Construction, Maintenance and Related	81099	17	0.2
All Other Inspectors, Testers and Related Occupations	83099	3	*
Machinery Maintenance Mechanics, Marine Equipment	85116	33	0.4
All Other Machinery Maintenance Mechanics	85119	25	0.3
Machinery Maintenance Workers	85128	11	0.2
Maintenance Repairers, General Utility	85132	14	0.2
Automotive Mechanics	85302	27	0.4
Mobile Heavy Equipment Mechanics, Except Engines	85314	24	0.3
Aircraft Mechanics	85323	39	0.5
Electronics Repairers, Commercial, and Industrial Equipment	85717	29	0.4
All other Electrical and Electronic Equipment Mechanics, Installers and Repairers	85799	16	0.2
Heating, Air Conditioning, and Refrigeration Mechanics and Installers	85902	21	0.3
Mechanical Control and Valve Installers and Repairers	85928	10	0.2
Riggers	85935	11	0.2

* LESS THAN 0.05 PERCENT

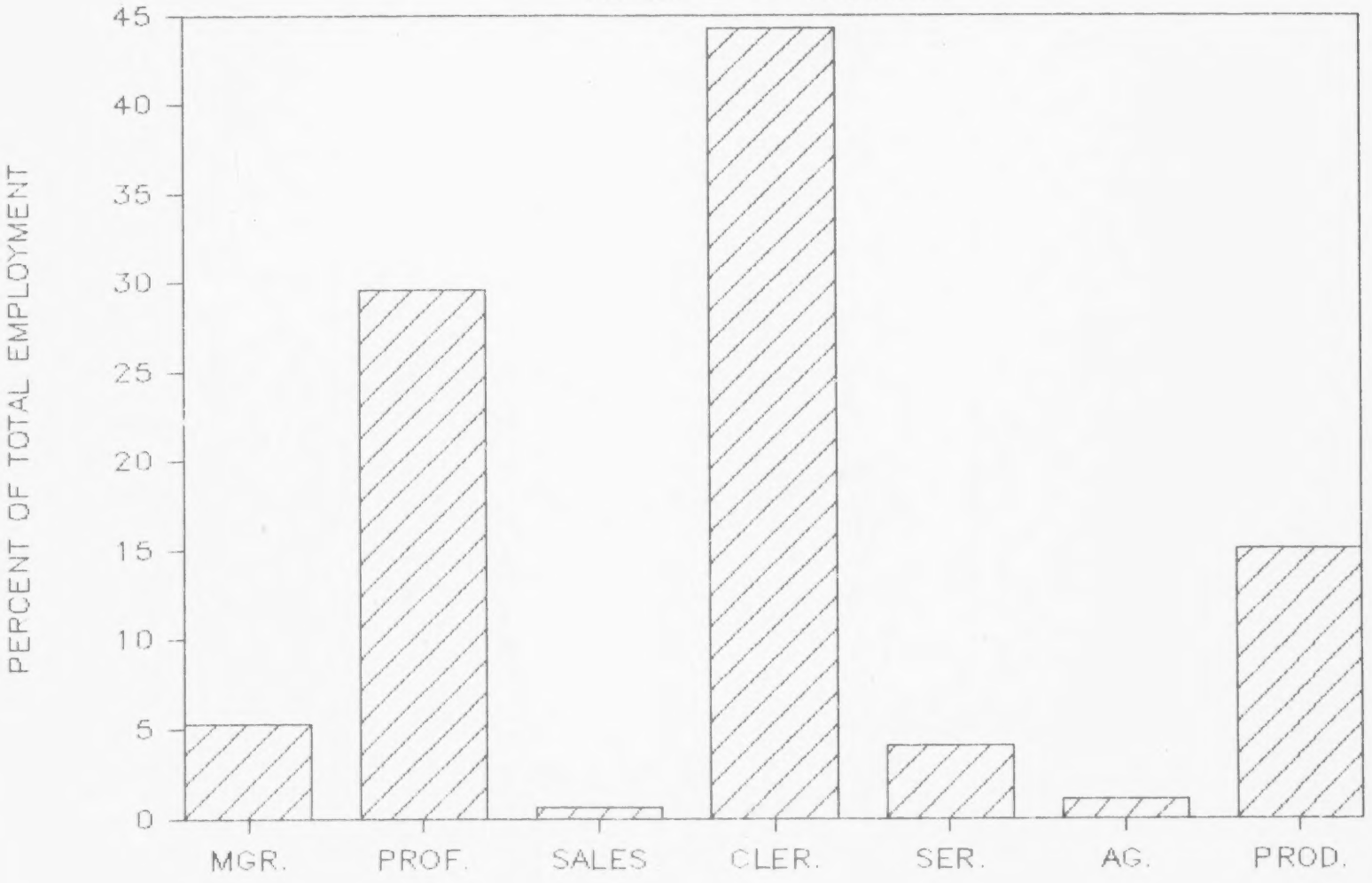
OCCUPATIONAL STAFFING PATTERNS
FEDERAL GOVERNMENT
OCTOBER 1985

OCCUPATIONAL TITLE	OES CODE	OCTOBER 1985 EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT
All Other Mechanics, Installers and Repairers	85999	53	0.7
Carpenters	87102	16	0.2
Electricians	87202	66	0.9
Painters and Paperhangers, Construction and Maintenance	87402	32	0.4
Plumbers, Pipefitters, and Steamfitters	87502	36	0.5
Insulation Workers	87802	18	0.2
All Other Construction and Extractive Workers, Except Helpers	87999	1	*
Machinists	89108	25	0.3
Shipfitters	89121	46	0.6
All Other Precision Metal Workers	89199	14	0.2
All Other Precision Textile, Apparel, and Furnishings Workers	89599	14	0.2
All Other Precision Workers	89999	3	*
Other Other Machine Operators and Tenders, Metal and Plastic	92198	18	0.2
All Other Printing, Binding, and Related Machine Operators and Tenders	92549	2	*
All Other Machine Operators and Tenders	92998	7	0.1
Welders and Cutters	93914	34	0.5
Assemblers and Fabricators, Except Machine, Electrical, Electronic and Precision	93956	12	0.2
All Other Hand Workers	93999	7	0.1
Stationary Engineers	95032	14	0.2
All Other Plant and System Operators	95099	6	0.1
All Other Motor Vehicle Operators	97199	21	0.3
All Other Transportation and Related Workers	97899	9	0.1
Operating Engineers	97956	10	0.2
All Other Transportation and Material Moving Equipment Operators	97989	14	0.2
Vehicle Washers and Equipment Cleaners	98905	23	0.3
All Other Helpers, Laborers, and Material Movers, Hand	98999	220	2.9

SOURCE: US DEPARTMENT OF LABOR/BLS/OCCUPATIONAL EMPLOYMENT STATISTICS PROGRAM

EMPLOYMENT BY OCCUPATIONAL GROUP

FEDERAL GOVERNMENT



OCCUPATIONAL STAFFING PATTERNS
FEDERAL GOVERNMENT
BELKNAP COUNTY

OCCUPATIONAL TITLE	OES CODE	OCTOBER 1985 EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT
TOTAL ALL OCCUPATIONS		187	100.0
MANAGERS AND ADMINISTRATORS	10000-19999	19	10.2
Postmasters and Mail Superintendents	15002	17	9.1
All Other Managers and Administrators	19999	2	1.1
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	20000-39999	56	29.9
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	50000-59999	106	56.7
Mail Carriers, Postal Service	57305	43	23.0
Traffic, Shipping, and Receiving Clerks	58028	35	18.7
All Other Clerical and Administrative Support Workers	59999	28	15.0
SERVICE OCCUPATIONS	60000-69999	2	1.1
AGRICULTURAL, FORESTRY, FISHING, AND RELATED OCCUPATIONS	70000-79999	1	0.5
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND RELATED WORKERS	80000-98999	3	1.6

OCCUPATIONAL STAFFING PATTERNS
FEDERAL GOVERNMENT
CARROLL COUNTY

OCCUPATIONAL TITLE	OES CODE	OCTOBER 1985 EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT
TOTAL ALL OCCUPATIONS		126	100.0
MANAGERS AND ADMINISTRATORS	10000-19999	30	23.8
Postmasters and Mail Superintendents	15002	29	23.0
All Other Managers and Administrators	19999	1	0.8
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	20000-39999	15	11.9
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	50000-59999	61	48.4
General Office Clerks	55347	12	9.5
Mail Carriers, Postal Service	57305	10	7.9
Traffic, Shipping, and Receiving Clerks	58028	26	20.6
All Other Clerical and Administrative Support Workers	59999	13	10.3
SERVICE OCCUPATIONS	60000-69999	1	0.8
AGRICULTURAL, FORESTRY, FISHING, AND RELATED OCCUPATIONS	70000-79999	13	10.3
Forest and Conservation Workers	79002	11	8.7
All Other Agricultural, Forestry, Fishing, and Related Workers	79999	2	1.6
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND RELATED WORKERS	80000-98999	6	4.8

OCCUPATIONAL STAFFING PATTERNS
FEDERAL GOVERNMENT
CHESHIRE COUNTY

OCCUPATIONAL TITLE	OES CODE	OCTOBER 1985 EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT
TOTAL ALL OCCUPATIONS		173	100.0
MANAGERS AND ADMINISTRATORS	10000-19999	23	13.3
Postmasters and Mail Superintendents	15002	23	13.3
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	20000-39999	23	13.3
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	50000-59999	118	68.2
General Office Clerks	55347	11	6.4
Mail Carriers, Postal Service	57305	46	26.6
Traffic, Shipping, and Receiving Clerks	58028	44	25.4
All Other Clerical and Administrative Support Workers	59999	17	9.8
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND RELATED WORKERS	80000-98999	9	5.2

OCCUPATIONAL STAFFING PATTERNS
FEDERAL GOVERNMENT
COOS COUNTY

OCCUPATIONAL TITLE	OES CODE	OCTOBER 1985 EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT
TOTAL ALL OCCUPATIONS		122	100.0
MANAGERS AND ADMINISTRATORS	10000-19999	16	13.1
Postmasters and Mail Superintendents	15002	15	12.3
All Other Managers and Administrators	19999	1	0.8
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	20000-39999	18	14.8
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	50000-59999	77	63.1
Mail Carriers, Postal Service	57305	38	31.1
Traffic, Shipping, and Receiving Clerks	58028	18	14.8
All Other Clerical and Administrative Support Workers	59999	21	17.2
AGRICULTURAL, FORESTRY, FISHING, AND RELATED OCCUPATIONS	70000-79999	8	6.6
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND RELATED WORKERS	80000-98999	3	2.4

OCCUPATIONAL STAFFING PATTERNS
FEDERAL GOVERNMENT
GRAFTON COUNTY

OCCUPATIONAL TITLE	OES CODE	OCTOBER 1985 EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT
TOTAL ALL OCCUPATIONS		605	100.0
MANAGERS AND ADMINISTRATORS	10000-19999	46	7.6
Postmasters and Mail Superintendents	15002	37	6.1
All Other Managers and Administrators	19999	9	1.5
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	20000-39999	277	45.8
All Other Financial Specialists	21199	10	1.7
Personnel, Training, and Labor Relations Specialists	21511	10	1.7
All Other Management Support Workers	21999	9	1.5
Civil Engineers, Including Traffic	22121	42	6.9
Mechanical Engineers	22135	13	2.1
All Other Engineers	22199	17	2.8
Electrical and Electronic Engineering Technicians and Technologists	22505	10	1.7
All Other Engineering and Related Technicians and Technologists	22599	30	4.9
Geologists, Geophysicists, and Oceanographers	24111	15	2.5
All Other Physical Scientists	24199	31	5.1
Foresters and Conservation Scientists	24302	10	1.7
All Other Physical and Life Science Technicians and Technologists	24599	21	3.5
All Other Legal Assistants and Technicians, Except Clerical	28399	2	0.3
Airplane Dispatchers and Air Traffic Controllers	39002	11	1.8
All Other Professional, Paraprofessional, and Technical Workers	39999	46	7.6

OCCUPATIONAL STAFFING PATTERNS
FEDERAL GOVERNMENT
GRAFTON COUNTY

OCCUPATIONAL TITLE	OES CODE	OCTOBER 1985 EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	50000-59999	211	34.9
All Other Secretaries	55199	17	2.8
General Office Clerks	55347	16	2.6
Mail Carriers, Postal Service	57305	61	10.1
Traffic, Shipping, and Receiving Clerks	58028	63	10.4
All Other Clerical and Administrative Support Workers	59999	54	8.9
SERVICE OCCUPATIONS	60000-69999	3	0.5
AGRICULTURAL, FORESTRY, FISHING, AND RELATED OCCUPATIONS	70000-79999	22	3.6
Forest and Conservation Workers	79002	20	3.3
All Other Agricultural, Forestry, Fishing, and Related Workers	79999	2	0.3
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND RELATED WORKERS	80000-98999	46	7.6
All Other First Line Supervisors and Manager/Supervisors-Production, Construction, Maintenance and Related	81099	3	0.5
Heating, Air Conditioning, and Refrigeration Mechanics and Installers	85902	13	2.1
All Other Mechanics, Installers and Repairers	85999	5	0.8
All Other Construction and Extractive Workers, Except Helpers	87999	7	1.2
Precision Production Occupations	89000	5	0.8
Hand Working Occupations, Including Assemblers and Fabricators	93000	1	0.2
All Other Motor Vehicle Operators	97199	1	0.2
All Other Helpers, Laborers, and Material Movers, Hand	98999	11	1.8

OCCUPATIONAL STAFFING PATTERNS
FEDERAL GOVERNMENT
HILLSBOROUGH COUNTY

OCCUPATIONAL TITLE	OES CODE	OCTOBER 1985 EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT
TOTAL ALL OCCUPATIONS		3,069	100.0
MANAGERS AND ADMINISTRATORS	10000-19999	106	3.4
Postmasters and Mail Superintendents	15002	46	1.5
Medicine and Health Services Managers	15008	14	0.4
All Other Managers and Administrators	19999	46	1.5
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	20000-39999	1,125	36.7
Accountants and Auditors	21114	40	1.3
All Other Financial Specialists	21199	13	0.4
Purchasing Agents, Except Wholesale and Retail Trade, and Farm Products	21308	21	0.7
Personnel, Training, and Labor Relations Specialists	21511	11	0.4
Compliance Officers and Enforcement Inspectors, Except Construction	21911	23	0.7
Tax Examiners, Collectors, and Revenue Agents	21914	35	1.1
All Other Management Support Workers	21999	18	0.6
All Other Engineers	22199	19	0.6
Electrical and Electronic Engineering Technicians and Technologists	22505	73	2.4
All Other Engineering and Related Technicians and Technologists	22599	13	0.4
All Other Social Scientists	27199	8	0.3
Social Workers, Except Medical and Psychiatric	27305	12	0.4
All Other Legal Assistants and Technicians, Except Clerical	28399	28	0.9
Physicians and Surgeons	32102	41	1.3
Registered Nurses	32502	128	4.2
Licensed Pratical Nurses	32505	33	1.1
Pharmacists	32517	11	0.4
Medical and Clinical Laboratory Technologists	32902	27	0.9
Radiologic Technicians	32921	13	0.4

OCCUPATIONAL STAFFING PATTERNS
FEDERAL GOVERNMENT
HILLSBOROUGH COUNTY

OCCUPATIONAL TITLE	OES CODE	OCTOBER 1985 EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT
All Other Health Professionals, Paraprofessionals, and Technicians	32999	30	1.0
Airplane Dispatchers and Air Traffic Controllers	39002	360	11.7
All Other Professional, Paraprofessional, and Technical Workers	39999	168	5.5
SALES AND RELATED OCCUPATIONS	40000-49999	9	0.3
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	50000-59999	1,415	46.1
First Line Supervisors and Manager/Supervisors-Clerical and Administrative Support Occupations	51002	49	1.6
Insurance Claims Clerks	53311	15	0.5
All Other Secretaries	55199	67	2.2
Stenographers	55302	13	0.4
Typists	55308	35	1.1
Personnel Clerks, Except Payroll and Timekeeping	55314	14	0.4
Interviewing Clerks, Except Personnel and Social Welfare	55332	24	0.8
Bookkeeping, Accounting and Auditing Clerks	55338	18	0.6
General Office Clerks	55347	10	0.3
All Other Office Machine Operators	56099	24	0.8
Switchboard Operators	57102	11	0.4
Mail Clerks, Except Mail Machine Operators and Postal Service	57302	30	1.0
Mail Carriers, Postal Service	57305	344	11.2
Clerks, Postal Service	57308	330	10.7
Stock Clerks-Stockroom, Warehouse Or Storage Yard	58023	20	0.7
Traffic, Shipping, and Receiving Clerks	58028	321	10.5
All Other Material Recording, Scheduling, and Distributing Workers	58099	6	0.2
All Other Clerical and Administrative Support Workers	59999	84	2.7

OCCUPATIONAL STAFFING PATTERNS
FEDERAL GOVERNMENT
HILLSBOROUGH COUNTY

OCCUPATIONAL TITLE	OES CODE	OCTOBER 1985 EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT
SERVICE OCCUPATIONS	60000-69999	209	6.8
All Other Service Supervisors and Manager/Supervisors	61099	23	0.8
All Other Protective Service Workers	63099	39	1.3
Combined Food Preparation and Service Workers	65041	31	1.0
Nursing Aides, Orderlies, and Attendants	66008	41	1.3
All Other Health Service Workers	66099	25	0.8
Janitors and Cleaners, Except Maids and Housekeeping Cleaners	67005	41	1.3
All Other Service Workers	69999	9	0.3
AGRICULTURAL, FORESTRY, FISHING, AND RELATED OCCUPATIONS	70000-79999	2	0.1
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND RELATED WORKERS	80000-98999	203	6.6
First Line Supervisors and Manager/Supervisors-Mechanics, Installers and Repairers	81002	16	0.5
All Other First Line Supervisors and Manager/Supervisors-Production, Construction, Maintenance and Related	81099	8	0.3
All Other Machinery Maintenance Mechanics	85119	15	0.5
Mobile Heavy Equipment Mechanics, Except Engines	85314	13	0.4
All Other Electrical and Electronic Equipment Mechanics, Installers and Repairers	85799	12	0.4
All Other Mechanics, Installers, and Repairers	85999	39	1.3
All Other Construction and Extractive Workers, Except Helpers	87999	17	0.5
Precision Production Occupations	89000	1	*
All Other Machine Operators and Tenders	92998	1	*
All Other Hand Workers	93999	7	0.2
All Other Plant and System Operators	95099	5	0.2

OCCUPATIONAL STAFFING PATTERNS
FEDERAL GOVERNMENT
HILLSBOROUGH COUNTY

OCCUPATIONAL TITLE	OES CODE	OCTOBER 1985 EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT
All Other Motor Vehicle Operators	97199	8	0.3
All Other Material Moving Equipment Operators	97999	5	0.2
All Other Helpers, Laborers, and Material Movers, Hand	98999	56	1.8

OCCUPATIONAL STAFFING PATTERNS
FEDERAL GOVERNMENT
MERRIMACK COUNTY

OCCUPATIONAL TITLE	OES CODE	OCTOBER 1985 EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT
TOTAL ALL OCCUPATIONS		602	100.0
MANAGERS AND ADMINISTRATORS	10000-19999	47	7.8
Postmasters and Mail Superintendents	15002	27	4.5
All Other Managers and Administrators	19999	20	3.3
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	20000-39999	198	32.9
Loan Officers and Counselors	21108	10	1.7
All Other Financial Specialists	21199	12	2.0
All Other Management Support Workers	21999	18	3.0
All Other Engineers	22199	11	1.8
All Other Engineering and Related Technicians and Technologists	22599	2	0.3
All Other Physical Scientists	24199	9	1.5
Biological Scientists	24308	10	1.7
All Other Physical and Life Science Technicians and Technologists	24599	14	2.3
All Other Social Scientists	27199	2	0.3
All Other Legal Assistants and Technicians, Except Clerical	28399	12	2.0
All Other Health Professionals, Paraprofessionals, and Technicians	32999	8	1.3
Airplane Dispatchers and Air Traffic Controllers	39002	10	1.7
All Other Professional, Paraprofessional, and Technical Workers	39999	80	13.3
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	50000-59999	281	46.7
All Other Secretaries	55199	19	3.2
Typists	55308	14	2.3
Bookkeeping, Accounting, and Auditing Clerks	55338	13	2.2
All Other Office Machine Operators	56099	4	0.7
All other Communications Equipment Operators	57199	1	0.2
Mail Carriers, Postal Service	57305	90	14.9

OCCUPATIONAL STAFFING PATTERNS
FEDERAL GOVERNMENT
MERRIMACK COUNTY

OCCUPATIONAL TITLE	OES CODE	OCTOBER 1985 EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT
Clerks, Postal Service	57308	12	2.0
Stock Clerks-Stockroom, Warehouse Or Storage Yard	58023	11	1.8
Traffic, Shipping, and Receiving Clerks	58028	62	10.3
All Other Clerical and Administrative Support Workers	59999	55	9.1
SERVICE OCCUPATIONS	60000-69999	15	2.5
AGRICULTURAL, FORESTRY, FISHING, AND RELATED OCCUPATIONS	70000-79999	2	0.3
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND RELATED WORKERS	80000-98999	59	9.8
All Other First Line Supervisors and Manager/Supervisors-Production, Construction, Maintenance and Related	81099	11	1.8
All Other Mechanics, Installers and Repairers	85999	28	4.6
All Other Precision Metal Workers	89199	1	0.2
All Other Precision Textile, Apparel, and Furnishings Workers	89599	1	0.2
All Other Hand Workers	93999	1	0.2
All Other Plant and System Operators	95099	2	0.3
All Other Motor Vehicle Operators	97199	2	0.3
All Other Material Moving Equipment Operators	97999	1	0.2
All Other Helpers, Laborers, and Material Movers, Hand	98999	12	2.0

OCCUPATIONAL STAFFING PATTERNS
FEDERAL GOVERNMENT
ROCKINGHAM COUNTY

OCCUPATIONAL TITLE	OES CODE	OCTOBER 1985 EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT
TOTAL ALL OCCUPATIONS		2,176	100.0
MANAGERS AND ADMINISTRATORS	10000-19999	72	3.3
Postmasters and Mail Superintendents	15002	43	2.0
All Other Managers and Administrators	19999	29	1.3
PROFESSIONAL, PARAPROFESSIONAL AND TECHNICAL OCCUPATIONS	20000-39999	405	18.6
Accountants and Auditors	21114	27	1.2
All Other Financial Specialists	21199	7	0.3
Purchasing Agents, Except Wholesale and Retail Trade, and Farm Products	21308	25	1.1
Personnel, Training, and Labor Relations Specialists	21511	22	1.0
Construction and Building Inspectors	21908	12	0.6
Compliance Officers and Enforcement Inspectors, Except Construction	21911	14	0.6
Tax Examiners, Collectors, and Revenue Agents	21914	33	1.5
All Other Management Support Workers	21999	19	0.9
Mechanical Engineers	22135	12	0.6
All Other Engineers	22199	36	1.6
All Other Engineering and Related Technicians and Technologists	22599	35	1.6
All Other Physical Scientists	24199	1	0.1
All Other Physical and Life Science Technicians and Technologists	24599	9	0.4
All Other Legal Assistants and Technicians, Except Clerical	28399	7	0.3
All Other Teachers and Instructors	31399	7	0.3
Registered Nurses	32502	10	0.5
Licensed Practical Nurses	32505	10	0.5
All Other Professional, Paraprofessional, and Technical Workers	39999	119	5.5
SALES AND RELATED OCCUPATIONS	40000-49999	32	1.5

OCCUPATIONAL STAFFING PATTERNS
FEDERAL GOVERNMENT
ROCKINGHAM COUNTY

OCCUPATIONAL TITLE	OES CODE	OCTOBER 1985 EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT
Salespersons, Retail	49011	25	1.1
All Other Sales and Related Workers	49999	7	0.4
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	50000-59999	810	37.2
First Line Supervisors and Manager/Supervisors-Clerical and Administrative Support Occupations	51002	44	2.0
All Other Secretaries	55199	59	2.7
Stenographers	55302	11	0.5
Typists	55308	43	2.0
Personnel Clerks, Except Payroll and Timekeeping	55314	16	0.7
Interviewing Clerks, Except Personnel and Social Welfare	55332	15	0.7
Bookkeeping, Accounting, and Auditing Clerks	55338	16	0.7
All Other Office Machine Operators	56099	13	0.6
All Other Communications Equipment Operators	57199	1	0.1
Mail Clerks, Except Mail Machine Operators and Postal Service	57302	11	0.5
Mail Carriers, Postal Service	57305	163	7.5
Clerks, Postal Service	57308	79	3.6
Production, Planning and Expediting Clerks	58008	29	1.3
Stock Clerks-Stockroom, Warehouse Or Storage Yard	58023	55	2.5
Traffic, Shipping and Receiving Clerks	58028	174	8.0
All Other Clerical and Administrative Support Workers	59999	81	3.7
SERVICE OCCUPATIONS	60000-69999	76	3.5
All Other Service Supervisors and Manager/Supervisors	61099	15	0.7
Fire Fighters	63008	18	0.8
All other Protective Service Workers	63099	19	0.9
All Other Food Service Workers	65099	18	0.8

OCCUPATIONAL STAFFING PATTERNS
FEDERAL GOVERNMENT
ROCKINGHAM COUNTY

OCCUPATIONAL TITLE	OES CODE	OCTOBER 1985 EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT
All Other Health Service Workers	66099	4	0.2
All Other Service Workers	69999	2	0.1
AGRICULTURAL, FORESTRY, FISHING, AND RELATED OCCUPATIONS	70000-79999	9	0.4
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND RELATED WORKERS	80000-98999	772	35.5
First Line Supervisors and Manager/Supervisors-Mechanics, Installers and Repairers	81002	51	2.3
First Line Supervisors and Manager/Supervisors-Construction Trades and Extractive Workers	81005	19	0.9
First Line Supervisors and Manager/Supervisors-Production and Operating Workers	81008	19	0.9
All Other First Line Supervisors and Manager/Supervisors-Production, Construction, Maintenance, and Related	81099	12	0.5
All Other Inspectors, Testers and Related Occupations	83099	3	0.1
Machinery Maintenance Mechanics, Marine Equipment	85116	33	1.5
All Other Machinery Maintenance Mechanics	85119	10	0.5
Automotive Mechanics	85302	14	0.6
Mobile Heavy Equipment Mechanics, Except Engines	85314	11	0.5
Aircraft Mechanics	85323	31	1.4
Electronics Repairers, Commercial and Industrial Equipment	85717	23	1.1
Riggers	85935	11	0.5
All Other Mechanics, Installers and Repairers	85999	48	2.2
Carpenters	87102	11	0.5
Electricians	87202	57	2.6
Painters and Paperhangers, Construction and Maintenance	87402	28	1.3
Plumbers, Pipefitters, and Steamfitters	87502	30	1.4
Insulation Workers	87202	18	0.8
All Other Construction and Extractive Workers, Except Helpers	87999	1	0.1

OCCUPATIONAL STAFFING PATTERNS
FEDERAL GOVERNMENT
ROCKINGHAM COUNTY

OCCUPATIONAL TITLE	OES CODE	OCTOBER 1985 EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT
Machinists	89108	24	1.1
Shipfitters	89121	46	2.1
All Other Precision Metal Workers	89199	11	0.5
All Other Precision Textile, Apparel, and Furnishings Workers	89599	13	0.6
All Other Machine Operators and Tenders, Metal and Plastic	92198	18	0.8
All Other Printing, Binding, and Related Machine Operators and Tenders	92549	2	0.1
All Other Machine Operators and Tenders	92998	6	0.3
Welders and Cutters	93914	33	1.5
Assemblers and Fabricators, Except Machine, Electrical, Electronic, and Precision	93956	11	0.5
Stationary Engineers	95032	10	0.5
All Other Plant and System Operators	95099	1	0.1
All Other Motor Vehicle Operators	97199	10	0.5
All Other Transportation and Related Workers	97899	9	0.4
All Other Transportation and Material Moving Equipment Operators	97989	15	0.7
Vehicle Washers and Equipment Cleaners	98905	23	1.1
All Other Helpers, Laborers, and Material Movers, Hand	98999	110	5.0

OCCUPATIONAL STAFFING PATTERNS
FEDERAL GOVERNMENT
STRAFFORD COUNTY

OCCUPATIONAL TITLE	OES CODE	OCTOBER 1985 EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT
TOTAL ALL OCCUPATIONS		312	100.0
MANAGERS AND ADMINISTRATORS	10000-19999	19	6.1
Postmasters and Mail Superintendents	15002	14	4.5
All Other Managers and Administrators	19999	5	1.6
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	20000-39999	84	26.9
All Other Financial Specialists	21199	1	0.3
All Other Management Support Workers	21999	6	1.9
All Other Engineers	22199	6	1.9
All Other Engineering and Related Technicians and Technologists	22599	6	1.9
All Other Physical Scientists	24199	4	1.3
Foresters and Conservation Scientists	24302	21	6.7
Biological, Agricultural, and Food Technicians and Technologists, Except Health	24502	11	3.5
All Other Physical and Life Science Technicians and Technologists	24599	1	0.3
All Other Social Scientists	27199	4	1.3
All Other Professional, Paraprofessional and Technical Workers	39999	24	7.7
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	50000-59999	171	54.8
All Other Secretaries	55199	9	2.9
Mail Carriers, Postal Service	57305	87	27.9
Traffic, Shipping and Receiving Clerks	58028	48	15.4
All Other Clerical and Administrative Support Workers	59999	27	8.6
SERVICE OCCUPATIONS	60000-69999	2	0.6

OCCUPATIONAL STAFFING PATTERNS
FEDERAL GOVERNMENT
STRAFFORD COUNTY

OCCUPATIONAL TITLE	OES CODE	OCTOBER 1985 EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT
AGRICULTURAL, FORESTRY, FISHING, AND RELATED OCCUPATIONS	70000-79999	15	4.8
Forest and Conservation Workers	79002	14	4.5
All Other Agricultural, Forestry, Fishing, and Related Workers	79999	1	0.3
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND RELATED WORKERS	80000-98999	21	6.7
All Other First Line Supervisors and Manager/Supervisors-Production, Construction, Maintenance, and Related	81099	1	0.3
All Other Mechanics, Installers, and Repairers	85999	4	1.3
All Other Helpers, Laborers, and Material Movers, Hand	98999	16	5.1

OCCUPATIONAL STAFFING PATTERNS
FEDERAL GOVERNMENT
SULLIVAN COUNTY

OCCUPATIONAL TITLE	OES CODE	OCTOBER 1985 EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT
TOTAL ALL OCCUPATIONS		105	100.0
MANAGERS AND ADMINISTRATORS	10000-19999	19	18.0
Postmasters and Mail Superintendents	15002	18	17.1
All Other Managers and Administrators	19999	1	0.9
PROFESSIONAL, PARAPROFESSIONAL AND TECHNICAL OCCUPATIONS	20000-39999	14	13.3
All Other Management Support Workers	21999	2	1.1
All Other Engineering and Related Technicians and Technologists	22599	3	1.6
All Other Professional, Paraprofessional, and Technical Workers	39999	9	8.6
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	50000-59999	66	62.9
General Office Clerks	55347	10	9.5
Mail Carriers, Postal Service	57305	22	21.0
Traffic, Shipping and Receiving Clerks	58028	22	21.0
All Other Clerical and Administrative Support Workers	59999	12	11.4
AGRICULTURAL, FORESTRY, FISHING, AND RELATED OCCUPATIONS	70000-79999	1	0.9
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE AND RELATED WORKERS	80000-98999	5	4.8

THE FIFTEEN STATE GOVERNMENT[1] OCCUPATIONS EMPLOYING THE LARGEST NUMBER OF WORKERS

The fifteen specific occupations listed below by employment size comprise only 17.6 percent of the grand total of 85 specific occupations employing ten or more workers but total over 42.0 percent of the 10,357 workers employed by the State Government in New Hampshire.

RANK	OCCUPATIONAL TITLE	OES CODE	MAY 1985 EMP.	PERCENT OF TOTAL
1	Highway Maintenance Workers	87711	631	6.1
2	Salespersons, Retail	49011	488	4.7
3	Public Administration Chief Executives, Legislators, and General Administrators	19002	459	4.4
4	Secretaries	55100	443	4.3
5	Civil Engineers, Including Traffic	22121	314	3.0
6	Amusement and Recreation Attendants	68014	263	2.5
7	Accountants and Auditors	21114	251	2.4
8	Social Workers, Medical and Psychiatric	27302	241	2.3
9	Psychiatric Aides	66014	237	2.3
10	Bookkeeping, Accounting and Auditing Clerks	55338	216	2.1
11	Correction Officers and Jailers	63017	196	1.9
12	Vocational and Educational Counselors	31514	195	1.9
13	Police Patrol Officers	63014	184	1.8
14	Social Service Technicians	27308	170	1.6
15	Stenographers	55302	120	1.2

1. Excluding SIC 806, 821, 822, 824, 829, 88 and 99

OCCUPATIONAL STAFFING PATTERNS
STATE GOVERNMENT
MAY 1985

OCCUPATIONAL TITLE	CODE	MAY 1985 EST. EMPL.	PERCENT OF TOTAL
TOTAL ALL OCCUPATIONS		10,357	100.0
MANAGERS AND ADMINISTRATORS	10000-19999	1,155	11.1
Financial Managers	13002	12	0.1
Personnel, Training, and Labor Relations Managers	13005	23	0.2
Administrative Services Managers	13014	44	0.4
Education Administrators	15005	43	0.4
Medicine and Health Services Managers	15008	92	0.9
Construction Managers	15017	14	0.1
Communications, Transportation, and Utilities Operations Managers	15023	29	0.3
Public Administration Chief Executives, Legislators, and General Administrators	19002	459	4.4
General Managers and Top Executives	19005	78	0.8
All Other Managers and Administrators	19999	361	3.5
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	20000-39999	2,939	28.4
Accountants and Auditors	21114	251	2.4
All Other Financial Specialists	21199	13	0.1
Claims Takers, Unemployment Benefits	21502	45	0.4
Employment Interviewers, Private or Public Employment Service	21508	93	0.9
Construction and Building Inspectors	21908	17	0.2
Compliance Officers and Enforcement Inspectors, Except Construction	21911	82	0.8
Tax Examiners, Collectors and Revenue Agents	21914	22	0.2
All Other Management Support Workers	21999	139	1.3
Civil Engineers, Including Traffic	22121	314	3.0
All Other Engineers	22199	35	0.3
All Other Engineers and Related Technicians and Technologists	22599	194	1.9
All Other Physical Scientists	24199	47	0.5

OCCUPATIONAL STAFFING PATTERNS
STATE GOVERNMENT
MAY 1985

OCCUPATIONAL TITLE	CODE	MAY 1985 EST. EMPL.	PERCENT OF TOTAL
Foresters and Conservation Scientists	24302	69	0.7
Biological Scientists	24308	25	0.2
All Other Life Scientists	24399	16	0.2
Physical and Life Science Technicians and Technologists	24500	19	0.2
Systems Analysts, Electronic Data Processing	25102	59	0.6
Computer Programmers	25105	49	0.5
Economists, Including Market Research Analysts	27102	21	0.2
Urban and Regional Planners	27105	39	0.4
Psychologists	27108	15	0.1
All Other Social Scientists	27199	21	0.2
Social Workers, Medical and Psychiatric	27302	241	2.3
Social Workers, Except Medical and Psychiatric	27305	19	0.2
Social Service Technicians	27308	170	1.6
Recreation Workers	27311	43	0.4
Adjudicators, Hearings Officers, and Judicial Reviewers	28105	29	0.3
Lawyers	28108	31	0.3
Paralegal Personnel	28305	26	0.3
All Other Legal Assistants and Technicians	28399	22	0.2
Teachers and Instructors, Vocational Education and Training	31314	31	0.3
Librarians, Professional	31502	20	0.2
Technical Assistants, Library	31505	22	0.2
Vocational and Educational Counselors	31514	195	1.9
Therapists	32300	88	0.9
Registered Nurses	32502	100	1.0
Licensed Practical Nurses	32505	19	0.2
All Other Health Professionals, Paraprofessionals, and Technicians	32999	76	0.7
All Other Professional, Paraprofessional, and Technical Workers	39999	222	2.1
SALES AND RELATED OCCUPATIONS	40000-49999	535	5.2
Appraisers, Real Estate	43011	10	0.1
Salespersons, Retail	49011	488	4.7

OCCUPATIONAL STAFFING PATTERNS
STATE GOVERNMENT
MAY 1985

OCCUPATIONAL TITLE	CODE	MAY 1985 EST. EMPL.	PERCENT OF TOTAL
All Other Sales and Related Workers	49999	37	0.4
CLERICAL AND ADMINISTRATIVE OCCUPATIONS	50000-59999	1,840	17.8
First Line Supervisors and Manager/Supervisors-Clerical and Administrative Support Occupations	51002	88	0.9
License Clerks	53708	24	0.2
Teacher Aides and Educational Assistants, Clerical	53905	24	0.2
Secretaries	55100	443	4.3
Stenographers	55302	120	1.2
Receptionists and Information Clerks	55305	37	0.4
Typists	55308	102	1.0
Typists Word Processor	55311	65	0.6
Statistical Clerks	55328	16	0.2
Bookkeeping, Accounting, and Auditing Clerks	55338	216	2.1
Computer Operators	56011	31	0.3
Peripheral EDP Equipment Operators	56014	14	0.1
Data Entry Keyers, Except Composing	56017	82	0.8
All Other Office Machine Operators	56099	11	0.1
Mail Clerks, Except Mail Machine Operators and Postal Service	57302	11	0.1
Messengers	57311	16	0.2
Dispatchers, Except Police, Fire and Ambulance	58005	25	0.2
Stock Clerks-Stockroom, Warehouse or Storage Yard	58023	24	0.2
All Other Material Recording, Scheduling, and Distributing Workers	58099	7	0.1
All Other Clerical and Administrative Support Workers	59999	484	4.7
SERVICE OCCUPATIONS	60000-69999	1,605	15.5
All Other Service Supervisors and Manager/Supervisors	61099	91	0.9
Police Detectives	63011	13	0.1

OCCUPATIONAL STAFFING PATTERNS
STATE GOVERNMENT
MAY 1985

OCCUPATIONAL TITLE	CODE	MAY 1985 EST. EMPL.	PERCENT OF TOTAL
Police Patrol Officers	63014	184	1.8
Correction Officers and Jailers	63017	196	1.9
Guards and Watch Guards	63047	38	0.4
All Other Protective Service Workers	63099	211	2.0
Cooks, Institution or Cafeteria	65028	22	0.2
Food Preparation Workers	65038	46	0.4
All Other Food Service Workers	65099	41	0.4
Nursing Aides, Orderlies, and Attendants	66008	68	0.7
Psychiatric Aides	66014	237	2.3
All Other Health Service Workers	66099	30	0.3
Cleaning and Building Service Occupations, Except Private Households	67000	118	1.1
Amusement and Recreation Attendants	68014	263	2.5
All Other Service Workers	69999	47	0.5
AGRICULTURAL, FORESTRY, FISHING, AND RELATED OCCUPATIONS	70000-79999	35	0.3
Gardeners and Groundskeepers, Except Farm	79014	14	0.1
All Other Agricultural, Forestry, Fishing and Related Workers	79999	21	0.2
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND RELATED WORKERS	80000-98999	2,248	21.7
First Line Supervisors and Manager/Supervisors-Construction Trades and Extractive Workers	81005	33	0.3
First Line Supervisors and Manager/Supervisors-Transportation and Material Moving Machine and Vehicle Occupations	81011	15	0.1
All Other First Line Supervisors and Manager/Supervisors-Production, Construction, Maintenance and Related	81099	42	0.4
Transportation Inspectors	83008	83	0.8
All Other Inspectors, Testers, and Related Occupations	83099	102	1.0
Machinery Maintenance Mechanics, Water or Power Generation Plant	85118	84	0.8

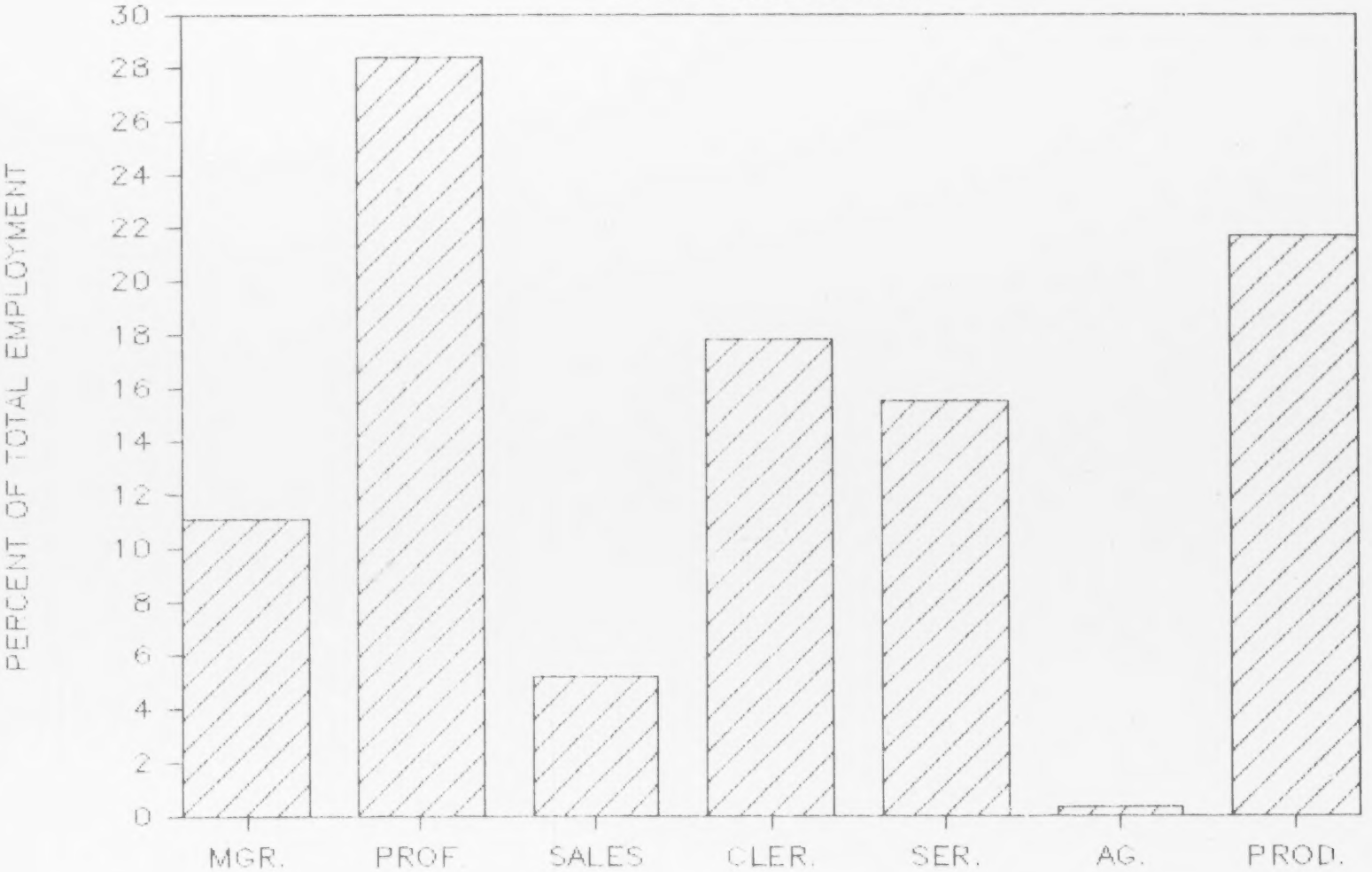
OCCUPATIONAL STAFFING PATTERNS
STATE GOVERNMENT
MAY 1985

OCCUPATIONAL TITLE	CODE	MAY 1985 EST. EMPL.	PERCENT OF TOTAL
All Other Machinery Maintenance Mechanics	85119	4	*
Automotive Mechanics	85302	17	0.2
Mobile Heavy Equipment Mechanics, Except Engines	85314	36	0.4
All Other Mechanics, Installers, and Repairers	85999	35	0.3
Carpenters	87102	15	0.1
Electricians	87202	10	0.1
Painters and Paperhangers, Construction and Maintenance	87402	13	0.1
Highway Maintenance Workers	87711	631	6.1
All Other Construction and Extractive Workers, Except Helpers	87999	5	0.1
Precision Production Occupations	89000	7	0.1
Machine Setters, Set-Up Operators, Operators and Tenders	91000	50	0.5
Hand Working Occupations, Including Assemblers and Fabricators	93000	4	*
Water and Liquid Waste Treatment Plant and System Operators	95002	11	0.1
Stationary Engineers	95032	25	0.2
All Other Plant and System Operators	95099	6	0.1
Truck Drivers, Light-Include Delivery and Route Workers	97105	16	0.2
All Other Transportation and Related Workers	97899	343	3.3
Industrial Truck and Tractor Operators	97947	10	0.1
All Other Material Moving Equipment Operators	97999	1	*
All Other Helpers, Laborers, and Material Movers, Hand	98999	650	6.3

* LESS THAN 0.05 PERCENT

EMPLOYMENT BY OCCUPATIONAL GROUP

STATE GOVERNMENT



THE FIFTEEN LOCAL GOVERNMENT[1] OCCUPATIONS EMPLOYING THE LARGEST NUMBER OF WORKERS

The fifteen specific occupations listed below by employment size comprise only 24.4 percent of the grand total of 70 specific occupations employing ten or more workers but total over 57.0 percent of the 13,624 workers employed by the Local Government in New Hampshire.

RANK	OCCUPATIONAL TITLE	OES CODE	MAY 1985 EMP.	PERCENT OF TOTAL
1	Fire Fighters	63008	2,140	15.7
2	Police Patrol Officers	63014	1,292	9.5
3	Nursing Aides, Orderlies and Attendants	66008	838	6.2
4	Emergency Medical Technicians	32508	396	2.9
5	Cleaning and Building Service Occupations, Except Private Households	67000	394	2.9
6	Secretaries	55100	384	2.8
7	Public Administration Chief Executives, Legislators, and General Administrators	19002	338	2.5
8	General Office Clerks	55347	283	2.1
9	Police and Detective Supervisors	61005	281	2.1
10	Library Assistants and Bookmobile Drivers	53902	258	1.9
11	Correction Officers and Jailers	63017	255	1.9
12	Food Preparation Workers	65038	252	1.9
13	Gardeners and Groundskeepers, Except Farm	79014	241	1.8
14	Recreation Workers	27311	236	1.7
15	Registered Nurses	32502	224	1.7

1. Excluding SIC 806, 821, 822, 824, 829, 88 and 99

OCCUPATIONAL STAFFING PATTERNS
LOCAL GOVERNMENT
MAY 1985

OCCUPATIONAL TITLE	OES CODE	MAY 1985 EST. EMPL.	PERCENT OF TOTAL	RELATIVE ERROR	RANGE HIGH	RANGE LOW	PERCENT OF FIRMS REPORTING
TOTAL ALL OCCUPATIONS		13,624	100.0				
MANAGERS AND ADMINISTRATORS	10000-19999	818	6.0				
Financial Managers	13002	38	0.3	24	47	29	64.1
Personnel, Training, and Labor Relations Managers	13005	11	0.1	12	12	10	23.1
Medicine and Health Services Managers	15008	22	0.2	46	11	33	23.1
Public Administration Chief Executives, Legislators, and General Administrators	19002	338	2.5	19	273	403	59.0
General Managers and Top Executives	19005	95	0.7	21	105	85	33.3
All Other Managers and Administrators	19999	314	2.3	NA	-	-	NA
PROFESSIONAL, PARA-PROFESSIONAL, AND TECHNICAL OCCUPATIONS	20000-39999	2,375	17.4				
All Other Financial Specialists	21199	67	0.5	NA	-	-	NA
Personnel, Training, and Labor Relations Specialists	21511	10	0.1	17	12	8	12.8
Construction and Building Inspectors	21908	116	0.9	19	138	94	59.0
Tax Examiners, Collectors, and Revenue Agents	21914	280	1.3	24	224	136	64.1
Assessors	21917	60	0.4	39	83	37	51.3
All Other Management Support Workers	21999	96	0.7	NA	-	-	NA
Civil Engineers, Including Traffic	22121	42	0.3	46	61	23	25.6
All Other Engineers	22199	7	0.1	NA	-	-	NA
Civil Engineering Technicians & Technologists	22502	11	0.1	11	12	10	7.7
Surveying and Mapping Technicians and Technologists	22521	11	0.1	20	13	9	7.7
All Other Engineering and Related Technicians and Technologists	22599	16	0.1	NA	-	-	NA

OCCUPATIONAL STAFFING PATTERNS
LOCAL GOVERNMENT
MAY 1985

OCCUPATIONAL TITLE	OES CODE	MAY 1985 EST. EMPL.	PERCENT OF TOTAL	RELATIVE ERROR	RANGE HIGH	RANGE LOW	PERCENT OF FIRMS REPORTING
Chemists	24105	16	0.1	31	21	11	12.8
All Other Life Scientists	24399	7	0.1	NA	-	-	NA
All Other Social Scientists	27199	223	1.6	NA	-	-	NA
Social Workers, Except Medical & Psychiatric	27305	55	0.4	48	82	28	35.9
Recreation Workers	27311	236	1.7	47	347	125	66.7
Lawyers	28108	46	0.3	37	63	29	35.9
All Other Legal Assistants and Technicians	28399	14	0.1	NA	-	-	NA
Librarians, Professional	31502	210	1.5	21	254	166	64.1
Technical Assistants, Library	31505	66	0.5	16	76	56	33.3
Therapists	32300	18	0.1	25	23	13	15.4
Registered Nurses	32502	224	1.7	13	254	194	28.2
Licensed Practical Nurses	32505	146	1.1	15	168	124	23.1
Emergency Medical Technicians	32508	396	2.9	49	589	203	17.9
Dietitians and Nutritionists	32521	12	0.1	19	14	10	17.9
All Other Health Professionals, Paraprofessionals and Technicians	32999	31	0.2	NA	-	-	NA
All Other Professionals, Paraprofessionals, and Technicians	39999	59	0.4	NA	-	-	NA
SALES AND RELATED OCCUPATIONS	40000-49999	60	0.4				
Cashiers	49023	29	0.2	44	42	16	7.7
All Other Sales and Related Workers	49999	31	0.2	NA	-	-	NA
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	50000-59999	1,873	13.7				
First Line Supervisors and Manager/Supervisors-Clerical and Administrative Support Occupations	51002	61	0.4	23	75	47	46.2

OCCUPATIONAL STAFFING PATTERNS
LOCAL GOVERNMENT
MAY 1985

OCCUPATIONAL TITLE	OES CODE	MAY 1985 EST. EMPL.	PERCENT OF TOTAL	RELATIVE ERROR	RANGE HIGH	RANGE LOW	PERCENT OF FIRMS REPORTING
Welfare Eligibility Workers and Interviewers	53502	62	0.4	30	81	43	53.8
Municipal Clerks	53705	75	0.5	44	108	42	35.9
License Clerks	53708	31	0.2	31	40	22	15.4
Library Assistants and Bookmobile Drivers	53902	258	1.9	23	317	199	53.8
Secretaries	55100	384	2.8	17	449	319	87.2
Receptionists and Information Clerks	55305	35	0.2	19	41	29	23.1
Typists, Word Processor	55311	12	0.1	22	15	9	7.7
Bookkeeping, Accounting, and Auditing Clerks	55338	127	0.9	17	149	105	64.1
Payroll & Timekeeping Clerks	55341	25	0.2	13	28	22	43.6
Billing, Cost and Rate Clerks	55344	27	0.2	21	33	21	20.5
General Office Clerks	55347	283	2.1	23	348	218	56.4
All Other Office Machine Operators	56099	15	0.1	NA	-	-	NA
Switchboard Operators	57102	29	0.2	18	34	24	15.4
Messengers	57311	12	0.1	30	16	8	12.8
Dispatchers-Police, Fire, and Ambulance	58002	206	1.5	21	250	162	59.0
All Other Material Recording, Scheduling, and Distributing Workers	58099	20	0.1	NA	-	-	NA
All Other Clerical and Administrative Support Workers	59999	211	1.5	NA	-	-	NA
SERVICE OCCUPATIONS	60000-69999	6,417	47.1				
Fire Fighting and Prevention Supervisors	61002	182	1.3	12	203	161	41.0
Police and Detective Supervisors	61005	281	2.1	12	316	246	69.2
All Other Service Supervisors	61099	25	0.2	NA	-	-	NA
Fire Inspectors	63002	16	0.1	18	19	13	23.1
Fire Fighters	63008	2,140	15.7	16	2,475	1,805	61.5
Police Detectives	63011	57	0.4	18	67	47	33.3
Police Patrol Officers	63014	1,292	9.5	11	1,438	1,146	71.8

OCCUPATIONAL STAFFING PATTERNS
LOCAL GOVERNMENT
MAY 1985

OCCUPATIONAL TITLE	OES CODE	MAY 1985 EST. EMPL.	PERCENT OF TOTAL	RELATIVE ERROR	RANGE HIGH	RANGE LOW	PERCENT OF FIRMS REPORTING
Correction Officers and Jailers	63017	255	1.9	40	356	154	20.5
Parking Enforcement Officers	63021	15	0.1	18	18	12	17.9
Bailiffs	63023	56	0.4	33	75	37	12.8
Sheriffs and Deputy Sheriffs	63032	112	0.8	42	159	65	20.5
Crossing Guards	63044	139	1.0	15	160	118	35.9
All Other Protective Service Workers	63099	45	0.3	NA	-	-	NA
Cooks, Institution Or Cafeteria	65028	61	0.4	11	68	54	20.5
Food Preparation Workers	65038	252	1.9	11	280	224	20.5
All Other Food Service Workers	65099	15	0.1	NA	-	-	NA
Nursing Aides, Orderlies, and Attendants	66008	838	6.2	15	967	709	17.9
All Other Health Service Workers	66099	83	0.6	NA	-	-	NA
Cleaning and Building Service Occupations, Except Private Households	67000	394	2.9	12	443	345	82.9
Amusement and Recreation Attendants	68014	67	0.5	31	88	46	17.9
All Other Service Workers	69999	92	0.7	NA	-	-	NA
AGRICULTURAL, FORESTRY, FISHING, AND RELATED OCCUPATIONS	70000-79999	271	2.0				
Gardeners and Groundskeepers, Except Farm	79014	241	1.8	21	292	190	41.0
Animal Caretakers, Except Farm	79017	10	0.1	32	13	7	10.3
All Other Agricultural, Forestry, Fishing and Related Workers	79999	20	0.1	NA	-	-	NA
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND RELATED WORKERS	80000-98999	1,810	13.3				

OCCUPATIONAL STAFFING PATTERNS
LOCAL GOVERNMENT
MAY 1985

OCCUPATIONAL TITLE	OES CODE	MAY 1985 EST. EMPL.	PERCENT OF TOTAL	RELATIVE ERROR	RANGE HIGH	RANGE LOW	PERCENT OF FIRMS REPORTING
First Line Supervisors and Manager/Supervisors-Mechanics, Installers and Repairers	81002	35	0.2	17	41	29	28.2
First Line Supervisors and Manager/Supervisors-Construction Trades and Extractive Workers	81005	44	0.3	26	56	32	12.8
All Other First Line Supervisors and Manager/Supervisors-Production, Construction, Maintenance, and Related	81099	26	0.2	NA	-	-	NA
All Other Inspectors, Testers and Related Occupations	83099	23	0.1	NA	-	-	NA
Machinery Maintenance Mechanics, Water Or Power Generation Plant	85118	43	0.3	14	49	37	25.6
All Other Machinery Maintenance Mechanics	85119	1	*	NA	-	-	NA
Automotive Mechanics	85302	33	0.2	21	40	26	25.6
Bus and Truck Mechanics, and Diesel Engine Specialists	85311	25	0.2	43	36	14	10.3
All Other Mechanics, Installers and Repairers	85999	118	0.9	NA	-	-	NA
Electricians	87202	10	0.1	11	11	9	12.8
Pipelayers	87508	37	0.3	25	46	28	12.8
Highway Maintenance Workers	87711	628	4.6	20	753	503	64.1
All Other Construction and Extractive Workers, Except Helpers	87999	48	0.4	NA	-	-	NA
Water and Liquid Waste Treatment Plant and System Operators	95002	154	1.1	16	178	130	46.2
All Other Plant and System Operators	95099	27	0.2	NA	-	-	NA
Truck Drivers, Heavy Or Tractor Trailer	97102	175	1.3	36	237	113	25.6
Truck Drivers, Light-Include Delivery and Route Workers	97105	76	0.6	28	97	55	12.8

OCCUPATIONAL STAFFING PATTERNS
LOCAL GOVERNMENT
MAY 1985

OCCUPATIONAL TITLE	OES CODE	MAY 1985 EST. EMPL.	PERCENT OF TOTAL	RELATIVE ERROR	RANGE HIGH	RANGE LOW	PERCENT OF FIRMS REPORTING
All Other Transportation Workers	97899	128	0.9	NA	-	-	NA
Operating Engineers	97956	15	0.1	31	20	10	7.7
All Other Material Moving Equipment Operators	97999	50	0.4	NA	-	-	NA
Refuse Collectors	98705	75	0.6	14	86	64	15.4
All Other Helpers, Laborers, and Material Movers, Hand	98999	39	0.3	NA	-	-	NA

* LESS THAN 0.05 PERCENT

DISTRIBUTION OF LOCAL GOVERNMENT EMPLOYEES BY COUNTY

COUNTY	NUMBER OF EMPLOYEES	PERCENT OF TOTAL
BELKNAP	681	5.0
CARROLL	627	4.6
CHESHIRE	1,240	9.1
COOS	667	4.9
GRAFTON	1,199	8.8
HILLSBOROUGH	3,801	27.9
MERRIMACK	1,703	12.5
ROCKINGHAM	2 044	15.0
STRAFFORD	1,117	8.2
SULLIVAN	545	4.0
TOTAL	13,624	100.0

EMPLOYMENT BY OCCUPATIONAL GROUP
LOC.GOV.(EXC.SIC 806,821,822,824 & 829)
PERCENT OF TOTAL EMPLOYMENT
50
45
40
35
30
25
20
15
10
5
0
MGR.
PROF.
SALES
CLER.
SER.
AG.
PROD.

OCCUPATIONAL EMPLOYMENT

EDUCATIONAL SERVICES[1]

PUBLIC AND NONPUBLIC ELEMENTARY AND SECONDARY SCHOOLS, COLLEGES, UNIVERSITIES, PROFESSIONAL SCHOOLS, AND JUNIOR COLLEGES (SIC 82)

This major group includes establishments furnishing formal academic or technical courses, correspondence schools, commercial and trade schools, and libraries. This group does not include beautician and barber schools or those primarily engaged in job training.

Employment in New Hampshire Educational Services totalled 34,565 as of April 1985. This represents an increase of 12.6 percent since October 1978. The largest group, Elementary and Secondary schools employed 23,853 workers or 69 percent while Colleges and Universities employed 10,239 workers or 29.6 percent.

Our sample consisted of 122 units representing employment of 27,111. Usable responses were received from 103 units or 84 percent of the units sampled. The reported employment was 23,301 or 86 percent of of the employment in the sample.

1. Includes the University of New Hampshire as well as the New Hampshire Vocational Technical Colleges and Institute.

THE FIFTEEN EDUCATIONAL SERVICE OCCUPATIONS EMPLOYING THE LARGEST NUMBER OF WORKERS

The fifteen specific occupations listed below by employment size comprise only 15.8 percent of the grand total of 95 specific occupations employing ten or more workers but total over 64.0 percent of the 34,565 workers employed in Educational Services in New Hampshire.

RANK	OCCUPATIONAL TITLE	OES CODE	APR. 1985 EMP.	PERCENT OF TOTAL
1	Teachers, Secondary School	31308	5,010	14.5
2	Teachers, Elementary School	31305	4,437	12.8
3	Secretaries	55100	1,885	5.4
4	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	67005	1,799	5.2
5	Teacher Aides, Paraprofessional	31521	1,526	4.4
6	Teachers, Special Education	31311	1,287	3.7
7	Education Administrators	15005	1,198	3.5
8	Food Preparation Workers	65038	782	2.3
9	Cooks, Institution Or Cafeteria	65028	720	2.1
10	English and Foreign Language Teachers	31216	708	2.0
11	Social Sciences Teachers	31210	696	2.0
12	Teacher Aides and Educational Assistants, Clerical	53905	599	1.7
13	First Line Supervisors and Manager/Supervisors-Clerical and Administrative Support Occupations	51002	568	1.6
14	Bus Drivers, School	97111	560	1.6
15	Life Sciences Teachers	31202	557	1.6

STAFFING PATTERNS
EDUCATIONAL SERVICES
PUBLIC AND NONPUBLIC ELEMENTARY AND SECONDARY SCHOOLS,
COLLEGES, UNIVERSITIES, PROFESSIONAL SCHOOLS, AND JUNIOR COLLEGES**
(SIC 82)

OCCUPATIONAL TITLE	OES CODE	APRIL 1985 EST. EMPL.	PERCENT OF TOTAL	RELATIVE ERROR	RANGE HIGH	RANGE LOW	PERCENT OF FIRMS REPORTING
TOTAL ALL OCCUPATIONS		34,565	100.0				
MANAGERS AND ADMINISTRATORS	10000-19999	2,222	6.4				
Financial Managers	13002	94	0.3	13	107	81	24.3
Personnel, Training, and Labor Relations Managers	13005	55	0.2	37	75	35	13.6
Purchasing Managers	13008	11	*	25	14	8	4.9
Marketing, Advertising, and Public Relations Managers	13011	55	0.2	23	67	43	13.6
Administrative Services Managers	13014	36	0.1	43	51	21	8.7
Engineering, Mathematical, and Natural Sciences Managers	13017	38	0.1	10	42	34	2.9
Education Administrators	15005	1,198	3.5	13	1,355	1,041	84.5
Construction Managers	15017	25	0.1	13	28	22	10.7
Communications, Transportation, and Utilities Operations Managers	15023	23	0.1	24	29	17	8.7
Food Service and Lodging Managers	15026	116	0.3	20	140	92	28.2
General Managers and Top Executives	19005	392	1.1	19	467	317	43.7
All Other Managers and Administrators	19999	179	0.5	NA	-	-	NA
PROFESSIONAL, PARA-PROFESSIONAL AND TECHNICAL OCCUPATIONS	20000-39999	21,783	63.0				
Accountants and Auditors	21114	59	0.2	24	73	45	20.4
Budget Analysts	21117	39	0.1	23	48	30	5.8
All Other Financial Specialists	21199	28	0.1	NA	-	-	NA
Purchasing Agents-Except Wholesale, Retail, and Farm Products	21308	11	*	8	12	10	5.8
Personnel, Training, and Labor Relations Specialists	21511	27	0.1	26	34	20	5.8

STAFFING PATTERNS
EDUCATIONAL SERVICES
PUBLIC AND NONPUBLIC ELEMENTARY AND SECONDARY SCHOOLS,
COLLEGES, UNIVERSITIES, PROFESSIONAL SCHOOLS, AND JUNIOR COLLEGES**
(SIC 82)

OCCUPATIONAL TITLE	OES CODE	APRIL 1985 EST. EMPL.	PERCENT OF TOTAL	RELATIVE ERROR	RANGE HIGH	RANGE LOW	PERCENT OF FIRMS REPORTING
All Other Management Support Workers	21999	64	0.2	NA	-	-	NA
Engineering and Related Technicians and Technologists	22500	44	0.1	31	57	31	2.9
Life Scientists	24300	63	0.2	17	74	52	2.9
Physical and Life Science Technicians and Technologists	24500	34	0.1	35	46	22	2.9
Systems Analysts, Electronic Data Processing	25102	35	0.1	25	44	26	4.9
Computer Programmers	25105	141	0.4	14	160	122	17.5
Computer Programmer Aides	25108	134	0.4	9	143	123	8.7
Psychologists	27108	120	0.3	26	151	89	19.4
All Other Social Scientists	27199	4	*	NA	-	-	NA
Social Workers, Except Medical and Psychiatric	27305	68	0.2	40	95	41	6.8
Nursing Instructors	31114	166	0.5	36	225	107	9.7
Graduate Assistants, Teaching	31117	78	0.2	29	101	55	3.9
Life Sciences Teachers	31202	557	1.6	10	610	504	19.4
Chemistry Teachers	31204	122	0.3	9	132	112	23.3
Physics Teachers	31206	93	0.3	8	100	86	22.3
All Other Physical Sciences Teachers	31209	96	0.3	NA	-	-	NA
Social Sciences Teachers	31210	696	2.0	8	754	638	26.2
Health Specialties Teachers	31212	54	0.2	25	67	41	5.8
English and Foreign Language Teachers	31216	708	2.0	9	773	643	23.3
Art, Drama and Music Teachers	31218	405	1.2	16	471	339	16.5
Engineering Teachers	31222	161	0.5	17	189	133	5.8
Mathematical Sciences Teachers	31224	246	0.7	14	280	212	19.4
Computer Science Teachers	31226	116	0.3	34	155	77	16.5
All Other Post Secondary Teachers	31299	789	2.3	NA	-	-	NA
Teachers, Preschool and Kindergarten	31302	336	1.0	22	409	263	31.1
Teachers, Elementary School	31305	4,437	12.8	6	4,711	4,163	45.6

STAFFING PATTERNS
EDUCATIONAL SERVICES
PUBLIC AND NONPUBLIC ELEMENTARY AND SECONDARY SCHOOLS,
COLLEGES, UNIVERSITIES, PROFESSIONAL SCHOOLS, AND JUNIOR COLLEGES**
(SIC 82)

OCCUPATIONAL TITLE	OES CODE	APRIL 1985 EST. EMPL.	PERCENT OF TOTAL	RELATIVE ERROR	RANGE HIGH	RANGE LOW	PERCENT OF FIRMS REPORTING
Teachers, Secondary School	31308	5,010	14.5	5	5,268	4,752	41.7
Teachers, Special Education	31311	1,287	3.7	7	1,381	1,193	54.4
Teachers, and Instructors, Vocational Education and Training	31314	330	1.0	13	372	288	21.4
Instructors, Nonvocational Education	31317	124	0.4	27	157	91	6.8
Instructors and Coaches, Sports and Physical Training	31321	430	1.2	12	480	380	29.1
Farm and Home Management Advisors	31323	117	0.3	39	163	71	3.9
All Other Teachers and Instructors	31399	697	2.0	NA	-	-	NA
Librarians, Professional	31502	333	1.0	5	351	315	69.9
Technical Assistants, Library	31505	236	0.7	8	255	217	38.8
Audio-Visual Specialists	31508	47	0.1	13	53	41	17.5
Vocational and Educational Counselors	31514	385	1.1	11	427	343	41.7
Instructional Coordinators	31517	98	0.3	24	122	74	14.6
Teacher Aides, Para-Professional	31521	1,526	4.4	12	1,704	1,348	43.7
Speech Pathologists and Audiologists	32314	168	0.5	15	193	143	32.0
Registered Nurses	32502	333	1.0	7	357	309	51.5
Licensed Practical Nurses	32505	27	0.1	20	32	22	9.7
All Other Health Professionals, Paraprofessionals, and Technicians	32999	119	0.3	NA	-	-	NA
Writers and Editors	34002	72	0.2	13	81	63	7.8
Athletes, Coaches, Umpires, and Related Workers	34058	149	0.4	29	192	106	9.7
All Other Professionals, Paraprofessionals and Technicians	39999	364	1.1	NA	-	-	NA
SALES AND RELATED OCCUPATIONS	40000-49999	66	0.2				
Cashiers	49023	44	0.1	14	50	38	14.6
All Other Sales and Related Workers	49999	22	0.1	NA	-	-	NA

STAFFING PATTERNS
EDUCATIONAL SERVICES
PUBLIC AND NONPUBLIC ELEMENTARY AND SECONDARY SCHOOLS,
COLLEGES, UNIVERSITIES, PROFESSIONAL SCHOOLS, AND JUNIOR COLLEGES**
(SIC 82)

OCCUPATIONAL TITLE	OES CODE	APRIL 1985 EST. EMPL.	PERCENT OF TOTAL	RELATIVE ERROR	RANGE HIGH	RANGE LOW	PERCENT OF FIRMS REPORTING
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	50000-59999	4,672	13.5				
First Line Supervisors and Manager/Supervisors-Clerical and Administrative Support Occupations	51002	568	1.6	25	707	429	17.5
Library Assistants and Bookmobile Drivers	53902	285	0.8	11	316	254	22.3
Teacher Aides and Educational Assistants, Clerical	53905	599	1.7	13	679	519	24.3
Secretaries	55100	1,885	5.4	4	1,969	1,801	87.4
Stenographers	55302	55	0.2	26	69	41	6.8
Receptionists and Information Clerks	55305	93	0.3	12	104	82	30.1
Typists	55308	211	0.6	26	265	157	13.6
Typists, Word Processor	55311	50	0.1	20	60	40	11.7
Personnel Clerks	55314	25	0.1	15	29	21	9.7
Bookkeeping, Accounting, and Auditing Clerks	55338	236	0.7	17	277	195	45.6
Payroll and Timekeeping Clerks	55341	51	0.1	17	60	42	18.4
Billing, Cost and Rate Clerks	55344	107	0.3	24	132	82	9.7
General Office Clerks	55347	274	0.8	18	324	224	20.4
Duplicating Machine Operators	56005	19	0.1	17	22	16	2.9
Computer Operators	56011	34	0.1	22	42	26	9.7
Data Entry Keyers	56017	29	0.1	19	35	23	10.7
All Other Office Machine Operators	56099	18	0.1	NA	-	-	NA
Switchboard Operators	57102	38	0.1	15	44	32	11.7
Mail Clerks, Except Mail Machine Operators and Postal Service	57302	23	0.1	22	28	18	5.8
Stock Clerks-Stockroom, Warehouse or Storage Yard	58023	30	0.1	13	34	26	11.7
All Other Material Recording, Scheduling, and Distributing Workers	58099	5	*	NA	-	-	NA
All Other Clerical and Administrative Support Workers	59999	37	0.1	NA	-	-	NA

STAFFING PATTERNS
EDUCATIONAL SERVICES
PUBLIC AND NONPUBLIC ELEMENTARY AND SECONDARY SCHOOLS,
COLLEGES, UNIVERSITIES, PROFESSIONAL SCHOOLS, AND JUNIOR COLLEGES**
(SIC 82)

OCCUPATIONAL TITLE	OES CODE	APRIL 1985 EST. EMPL.	PERCENT OF TOTAL	RELATIVE ERROR	RANGE HIGH	RANGE LOW	PERCENT OF FIRMS REPORTING
SERVICE OCCUPATIONS	60000-69999	4,503	13.0				
First Line Supervisors and Manager/Supervisors-Service	61000	193	0.5	9	210	176	19.4
Guards and Watch Guards	63047	96	0.3	16	111	81	6.8
All Other Protective Service Workers	63099	60	0.2	NA	-	-	NA
Dining Room and Cafeteria Attendants, and Bartender Helpers	65014	370	1.1	27	469	271	12.6
Counter Attendants-Lunchroom, Coffee Shop, or Cafeteria	65017	78	0.2	29	100	56	5.8
Cooks, Institution or Cafeteria	65028	720	2.1	12	804	636	40.8
Food Preparation Workers	65038	782	2.3	9	851	713	32.0
All Other Food Service Workers	65099	229	0.7	NA	-	-	NA
Maids and Housekeeping Cleaners	67002	124	0.3	34	166	82	7.8
Janitors and Cleaners, Except Maids and Housekeeping Cleaners	67005	1,799	5.2	3	1,857	1,741	72.8
All Other Cleaning and Building Service Workers, Except Private Households	67099	29	0.1	NA	-	-	NA
All Other Service Workers	69999	23	0.1	NA	-	-	NA
AGRICULTURAL, FORESTRY, FISHING AND RELATED OCCUPATIONS	70000-79999	117	0.3				
Gardeners and Groundskeepers, Except Farm	79014	106	0.3	13	120	92	18.4
All Other Agricultural, Forestry, Fishing, and Related Workers	79999	11	*	NA	-	-	NA

STAFFING PATTERNS
EDUCATIONAL SERVICES
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(SIC 82)

OCCUPATIONAL TITLE	OES CODE	APRIL 1985 EST. EMPL.	PERCENT OF TOTAL	RELATIVE ERROR	RANGE HIGH	RANGE LOW	PERCENT OF FIRMS REPORTING
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE AND MATERIAL HANDLING OCCUPATIONS	80000-98000	1,202	3.5				
First Line Supervisors and Manager/Supervisors-Mechanics, Installers, and Repairers	81002	34	0.1	25	42	26	6.8
First Line Supervisors and Manager/Supervisors-Construction Trades and Extractive Workers	81005	10	*	41	14	6	2.9
All Other First Line Supervisors and Manager/Supervisors-Production, Construction, Maintenance and Related	81099	16	0.1	NA	-	-	NA
Maintenance Repairers, General Utility	85132	135	0.4	15	155	115	20.4
Automotive Mechanics	85302	26	0.1	23	32	20	6.8
Bus and Truck Mechanics, and Diesel Engine Specialists	85311	15	*	44	22	8	3.9
All Other Mechanics, Installers, and Repairers	85999	3	*	NA	-	-	NA
Carpenters	87102	93	0.3	10	102	84	13.6
Electricians	87202	61	0.2	9	67	55	13.6
Painters and Paperhangers, Construction and Maintenance	87402	58	0.2	15	67	49	9.7
Plumbers and Pipefitters	87502	46	0.1	11	51	41	10.7
All Other Construction Trades Workers, Except Helpers	87999	12	*	NA	-	-	NA
Precision Production Occupations	89000	5	*	NA	-	-	NA
Plant and System Occupations	95000	20	0.1	NA	-	-	NA
Truck Drivers, Light-Include Delivery and Route Workers	97105	21	0.1	25	26	16	5.8

STAFFING PATTERNS
EDUCATIONAL SERVICES
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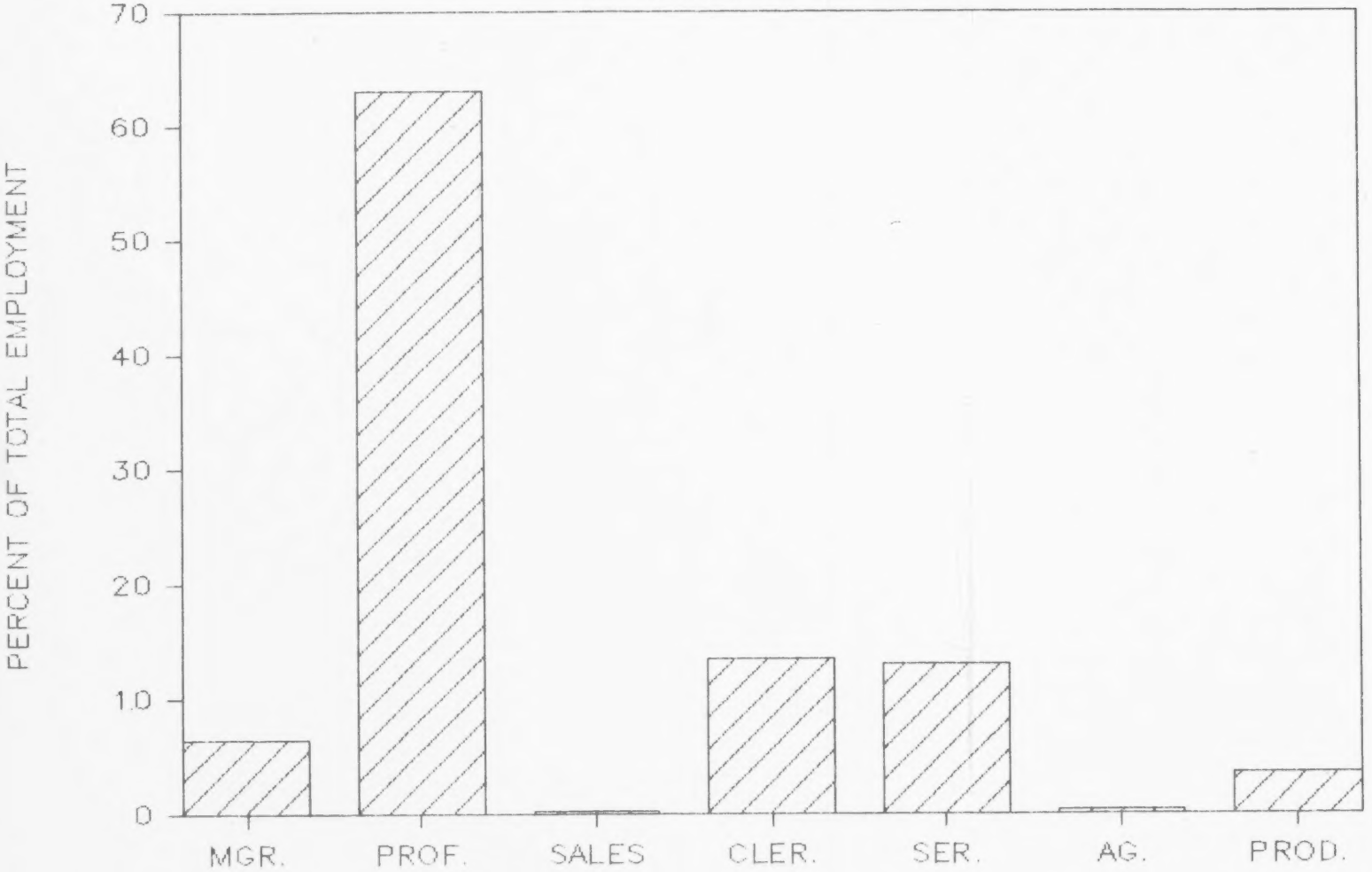
(SIC 82)

OCCUPATIONAL TITLE	OES CODE	APRIL 1985 EST. EMPL.	PERCENT OF TOTAL	RELATIVE ERROR	RANGE HIGH	RANGE LOW	PERCENT OF FIRMS REPORTING
Bus Drivers, School	97111	560	1.6	23	689	431	21.4
All Other Material Moving Equipment Operators	97999	15	*	NA	-	-	NA
Helpers, Laborers, and Material Movers, Hand-Exclude Agriculture and Forestry Laborers	98000	72	0.2	NA	-	-	NA

* Less Than 0.05 Percent
** Includes The University Of New Hampshire System and New Hampshire Vocational Technical Colleges and Institutes

EMPLOYMENT BY OCCUPATIONAL GROUP

EDUCATIONAL SERVICES



METHODOLOGY

FEDERAL GOVERNMENT

Data provided by the Bureau of Labor Statistics, United States Department of Labor, included permanent and temporary full-time and part-time employees on the Federal payroll as of October 1985. Since the data herein was a total count, figures were not rounded and there was no relative sampling error.

STATE GOVERNMENT

The State Department of Personnel provided a complete printout of permanent and temporary, full-time and part-time, classified and unclassified positions to the Department of Employment Security. The data covered employment reported as of May 1985 and excluded workers employed in hospitals, elementary and secondary schools, vocational-technical schools and institutes, junior colleges, colleges, and universities.

There was neither a relative error nor rounding of figures since the data was a total count rather than an estimate based upon a sample.

LOCAL GOVERNMENT AND EDUCATIONAL SERVICES

Local government and educational services employment estimates were based on data furnished by responses to a survey conducted by the New Hampshire Department of Employment Security. The survey covered the payroll period including May 12, 1985 and April 12, 1985 respectively. The survey universe was based upon the 1984 ES-202 employment listing. Since local government and educational services employment was an estimate because of nonresponse to the survey, data was rounded and compiled on a relative sampling error of 50 percent, or with fewer than 10 employees, was not published but was assigned to a residual or occupational grouping.

Relative error, as used in this publication, indicates the true possible range of the published data. For example, physics teachers (OES Code 31206) lists an estimated total of 93 workers with a relative error of 8 percent. This means that an actual count of all (the universe) workers in this code group would not differ from the estimate by more than seven or an estimated high of 100 or low of 86.

APPENDIX

The OES coding structure provides for the allocation of occupations reported into seven major categories. Specifically these occupational categories are as follows:

10000-19999 I. Managerial and Administrative Occupations

Includes top and middle level managers, administrators, and executives. Primary duties are policy making, planing, staffing, directing or controlling the activities of industrial, commercial, governmental or other establishments. Typical examples are: Corporate Officers; Plant Managers; Branch Managers; District Managers; Production Superintendents; General Superintendents; and Managers of such departments as budget, purchasing, sales and distribution, advertising, public relations, personnel and training, etc.

20000-39999 II. Professional, Paraprofessional and Technical Occupations

Includes persons concerned with the theoretical or practical aspects of such fields as science, art, education, law and business relations where substantial post-secondary educational preparation or equivalent on-the-job training or experience is required. Typical examples are: Architects; Engineers; Metallurgists; Physicists; Mathematicians; Statisticians; Biologists; Economists; Accountants and Auditors; Purchasing Agents; Public Relations Practitioners; Personnel and Training Specialists (other than departmental managers); Lawyers; Physicians and Surgeons; Registered Nurses; Editors and Writers; Teachers; Air Traffic Controllers; Computer Programmers; Drafters; and Chemical Technicians (except Health).

40000-49999 III. Sales and Related Occupations

Includes persons selling goods or services and others directly related to sales. Typical examples are: Sales Agents and Placers; Insurance; Sales Engineers; Cashiers; and Salespersons, Retail.

50000-59999 IV. Clerical and Administrative Support Occupations

Includes persons performing office and plant clerical tasks such as typing, filing, computer operating, records keeping (personnel, stock, production, billing, etc); and mail preparation and distributing.

60000-69999 V. Service Occupations

Includes workers in occupations relating to protective service, food service, health assisting service, cleaning and building service and personal service.

70000-79999 VI. Agricultural, Forestry, Fishing and Related Occupations

Includes workers concerned with agricultural production, forestry, and fishing. Also included in this division are agriculture related workers such as animal caretakers and groundskeepers.

80000-98999 VII. Production, Construction, Operating, Maintenance and Material Handling Occupations

Includes all skilled, semiskilled and unskilled workers performing machine and manual tasks involving production, construction, operating, maintenance, repair and material handling operations.